

WHAT IS CLAIMED IS:

1. A mobile communication device comprising:
an antenna;
mobile telephony circuitry configured to communicate with a mobile telephony network using a mobile communication protocol, the mobile telephony circuitry coupled to the antenna;
a service request module configured to determine proximity to a wireless network base station using a wireless data network protocol and configured to establish a communication path via the wireless data network protocol;
and
a voice conversion module configured to convert between voice communication and data packets to be communicated using the wireless data network protocol with the wireless network base station.
2. The mobile communication device of claim 1, wherein the wireless network base station is configured to send a call control message to a registration system associated with the mobile telephony network in regards to the proximity of the mobile communication device and the wireless network base station.
3. The mobile communication device of claim 2, wherein the call control message establishes redirection of calls addressing the mobile communication device via the mobile telephony network to a public switched telephone network address associated with the wireless network base station.
4. The mobile communication device of claim 2, wherein the call control message cancels redirection of calls addressing the mobile communication device.
5. The mobile communication device of claim 1, wherein the wireless data network protocol is IEEE 802.11.

6. The mobile communication device of claim 1, wherein the wireless data network protocol is Bluetooth.

7. The mobile communication device of claim 1, wherein the mobile communication protocol is associated with at least one of Global System for Mobile communications (GSM), General Packet Radio Service (GPRS), Universal Mobile Telecommunications System (UMTS), and CDMA2000/CDMAOne.

8. The mobile communication device of claim 1, wherein the voice communication is communicated as Voice-over-IP using the data packets.

9. The mobile communication device of claim 1, further comprising power circuitry selectively providing power to the mobile telephony circuitry.

10. A cordless telephony station comprising:

a network interface configured to interface with a public switched telephone network;

a telephony module coupled to the network interface, the telephony module configured to convert analog telephone signals to digital network based signals;

wireless communication circuitry coupled to the telephony module, the wireless communication circuitry configured to communicate the digital network based signals to a mobile device using a wireless network protocol;

an administration module coupled to the wireless communication circuitry and configured to accept the presence of the mobile device within a proximate coverage area; and

a modem coupled to the network interface, wherein the administration module is configured to communicate a call forwarding message via the modem to a remote registration system associated with the mobile device.

11. The cordless telephony station of claim 10, wherein the wireless network protocol is IEEE 802.11.

12. The cordless telephony station of claim 10, wherein the wireless network protocol is Bluetooth.

13. The cordless telephony station of claim 10, wherein the digital network based signals are Voice over IP signals.

14. The cordless telephony station of claim 10, wherein the network interface is configured to connect to a plain old telephone service (POTS) provided by the public switched telephone network.

15. The cordless telephony station of claim 10, wherein the call forwarding message establishes redirection of calls to a public switched telephone network address associated with the cordless telephony system.

16. The cordless telephony station of claim 15, wherein the administration module is configured to communicate the call forwarding message in response to accepting the presence of the mobile device within the proximity coverage area.

17. The cordless telephony station of claim 10, wherein presence of the mobile device is detected by communicating a message using the wireless network protocol.

18. The cordless telephony station of claim 10, wherein the call forwarding message cancels the redirection of calls addressing the mobile device.

19. The cordless telephony station of claim 18, wherein the administration module is configured to communicate the call forwarding message upon a change in location of the mobile device with respect to the proximity coverage area.

20. The cordless telephony station of claim 10, wherein the registration system is a home location registry.

21. A method of call management, the method comprising:
detecting a mobile communication device via a wireless data network protocol,
the mobile communication device configured to communicate with a
mobile telecommunication network and configured to communicate with a
wireless data network using the wireless data network protocol;
establishing a communication path with the mobile communication device using
the wireless data network; and
sending a call control message to a remote call management module via a public
switched telephone network, the remote call management module
associated with the mobile telecommunication network and associated
with the mobile communication device.

22. The method of claim 21, wherein the wireless data network protocol is IEEE
802.11.

23. The method of claim 21, wherein the wireless data network protocol is
Bluetooth®.

24. The method of claim 21, wherein the mobile telecommunication network is
associated with Global System for Mobile communications (GSM), General Packet
Radio Service (GPRS), Universal Mobile Telecommunications System (UMTS), or
CDMA2000/CDMAOne.

25. The method of claim 21, wherein sending the call control message is
performed using a modem connected to a plain old telephone service (POTS).

26. The method of claim 21, further comprising:
receiving a telephone call including analog voice communication signals;
converting the analog voice communication signals to digital network-based
communication messages; and
communicating the digital network-based communication messages to the mobile
communication device via the wireless data network.